

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950 E-Mail: siting.council@ct.gov Internet: ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

June 12, 2007

Jennifer D. Janelle, Esq. Shipman & Goodwin LLP One Constitution Plaza Hartford, CT 06103-1919

RE: **PETITION NO. 810** - City of Middletown petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance, and operation of a 200 kW fuel cell located at the new Middletown High School, Wilderman's Way, Middletown, Connecticut.

Dear Attorney Janelle:

At a public meeting held on June 7, 2007, the Connecticut Siting Council (Council) considered and ruled that this proposal would not have a substantial adverse environmental effect, and pursuant to General Statutes § 16-50k would not require a Certificate of Environmental Compatibility and Public Need.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition, dated April 25, 2007.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,

Daniel F. Caruso

Chairman

DFC/CDM/laf

Enclosure: Staff Report dated

c: The Honorable Sebastian N. Giuliano, Mayor, City of Middletown William Warner, AICP Director, City of Middletown

Cause





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> Petition No. 810 City of Middletown Middletown, Connecticut Staff Report June 7, 2007

The City of Middletown is seeking to install a 200 kW fuel cell at its new high school under construction on Wilderman's Way in Middletown.

Council member Phil Ashton and staff member David Martin met with Attorney Jennifer Janelle, counsel for the city, and Andrew Grillo of Gilbane, the construction management firm, at the site to review the proposal.

The city has received a grant through the Connecticut Clean Energy Fund for the fuel cell installation. The fuel cell would provide some of the high school's base load generation. Its waste heat would be used to provide hot water and to heat the high school swimming pool. The fuel cell would operate in both grid-connected and grid-independent mode during power outages so that the high school could be used as an area of assembly during emergencies.

The fuel cell would be located on the west side of the high school building proximate to the swimming pool. Noise levels would be very low, and there are no residences close enough to the school to be affected by this installation.

Any environmental impact of installing the fuel cell can be expected to be minimal, especially when compared to the amounts of CO₂ and NO_x that would be avoided through the use of the fuel cell.

